

NH96 材料特性

NH96 Material Characteristics

初始磁导率 μ_i initial permeability μ_i	3000±25%		
饱和磁通密度 B_s (mT) Saturation flux density 1194A/m	25°C	540	
	100°C	450	
剩磁 B_r (mT) Residual flux density	25°C	90	
	100°C	60	
矫顽力 H_c (A/m) Coercivity	25°C	10	
	100°C	6.5	
功率损耗 P_v mw/cm ³ Power Loss		25kHz, 200mT	100kHz, 200mT
	25°C	-	360
	100°C	-	300
	120°C	-	360
居里温度 T_c (°C) Curie temp.	≥240		
电阻率 ρ ($\Omega \cdot m$) Resistivity	6.0		
密度 d (g/cm ³) Density	4.9		

以上数据是根据标准样环 $\Phi 25 \times \Phi 15 \times 8$ 获得典型数据，有关产品的具体性能会在此基础上有所调整。

The above typical data are calculated from the standard toroid core. The specific property of any parts will be adjusted a little based on these data

NH96 材料曲线

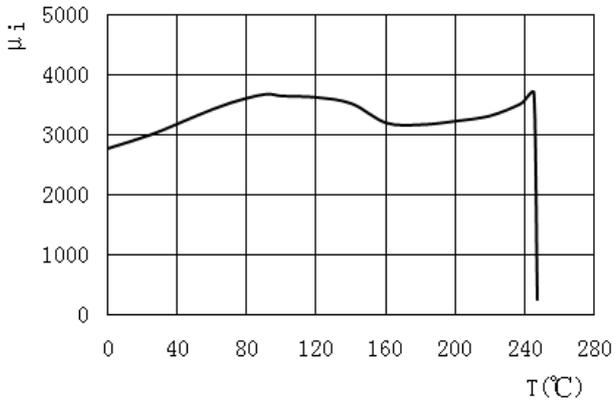


Fig1 Permeability vs. Temperature
磁导率之温度特性

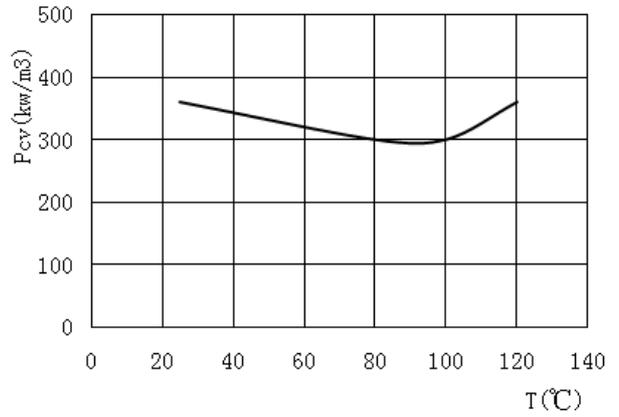


Fig2 Power Loss (100kHz, 200mT) vs. Temperature
功耗之温度曲线

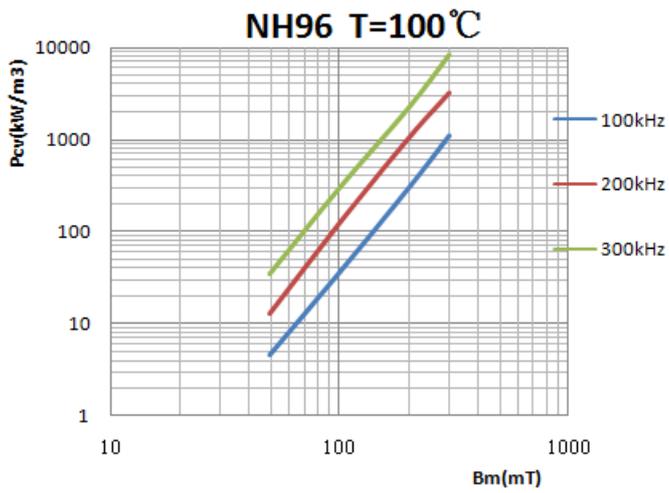


Fig3 Power Loss vs. Flux Density

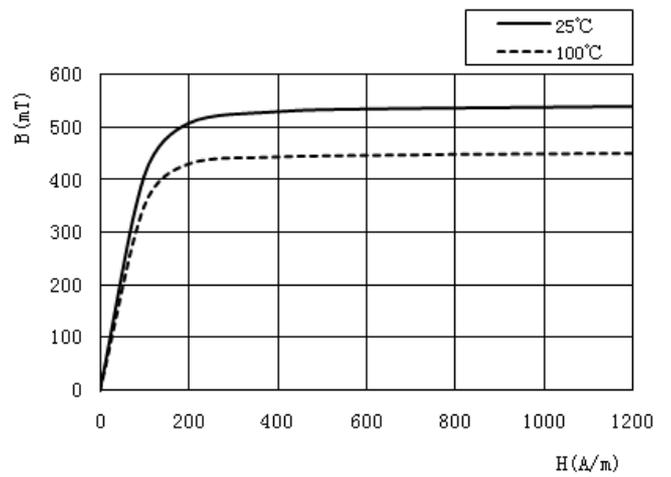


Fig4 Magnetization Curves
静态磁滞回线